

Date: Thursday, 18/12/2008 7:34:01 AM
User: Chantal Lavoie

Process Sheet

Customer :	CU-DAR001 Dart Helicopters Services	Drawing Name :	BACK CUSHION
Job Number :	44154		
Estimate Number :	10078		
P.O. Number :		Part Number :	D30191
This Issue :	18/12/2008	Drawing Number :	D3019 REV. A
Prsht Rev. :	NC	Project Number :	N/A
First Issue :	1/1	Drawing Revision :	A
Previous Run :	43273	Material :	
Written By :	<u>[Signature]</u>	Due Date :	27/01/2009
Checked & Approved By :	<u>C208112118</u>	Qty:	4
Comment :	Est: B 01.06.07 Removed acid etch & alodine	Um:	Each
	EC/SM		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PG	PURCHASING
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Comment: PURCHASING

Issue P/O: 7861

C208112118

Possible supplier: Chestnut Ridge Airflex fire-resistant aircraft cushioning

Order: Grade 30-40 (colour green), Density 2.6lb/ft³

Material must meet FAR 27.853(a) or 25.853(a)

Part is symmetric about centerline

All dimensions are in inches

Tolerances are per Dart QSI 018 unless otherwise noted

Material release note required

(4)

2.0	D30191P	Back cushion
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

BACK CUSHION

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

Recieve & Inspect for Transit Damage

Ensure Material Release Note is attached

P 9/1/10 (4)

4.0	QC6	DIMENSIONAL CHECK
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Comment: DIMENSIONAL CHECK

S 08/01/10 (24)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 18/12/2008 7:34:01 AM
User: Chantal Lavoie

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BACK CUSHION

Job Number: 44154

Part Number: D30191

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

PACKAGING 1

PACKAGING RESOURCE #1



(4x)

Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

Store

9/1/15

38

6.0

QC21

FINAL INSPECTION/W/O RELEASE



09/01/19

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



mf 09-01-17

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

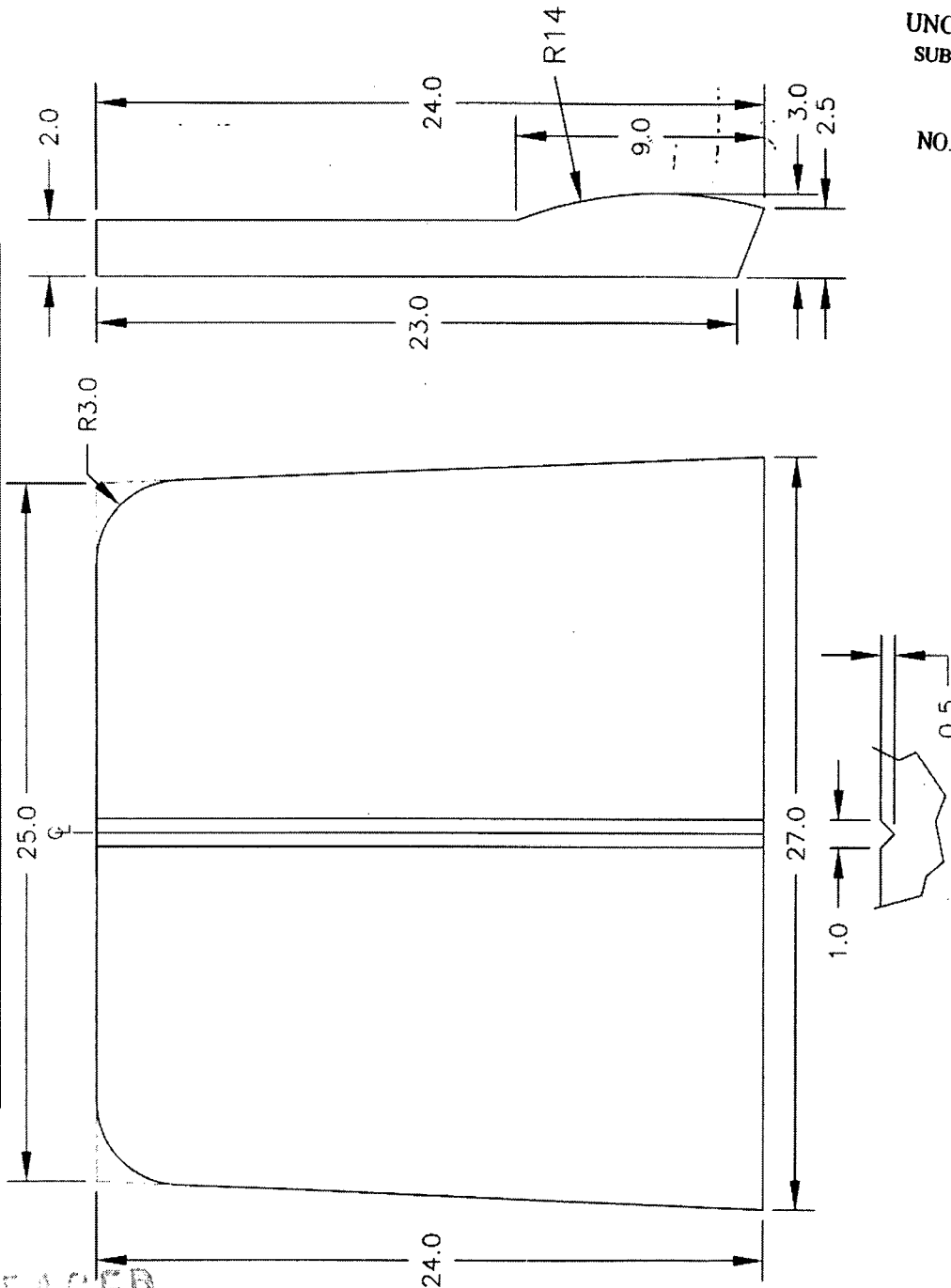
NOTE: Date & initial all entries



DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3019	REV. A SHEET 1 OF 1
DATE 01.05.18		TITLE BACK CUSHION	SCALE 1:6
A	01.05.12	NEW ISSUE	SHOP COPY

RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 44154

SPECIFICATION CONTROL DRAWING

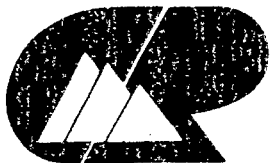


D3019-1

- 1) MAKE PER TEMPLATE
- 2) MATERIAL MUST MEET FAR 27.853(a) OR 25.853 (a)
- 3) POSSIBLE SUPPLIER: CHESTNUT RIDGE AIRFLEX FIRE-RESISTANT AIRCRAFT CUSHIONING
GRADE 30-40 (COLOUR GREEN)
DENSITY 2.6 lb/ft
- 3) PART IS SYMMETRIC ABOUT CENTERLINE
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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Chestnut Ridge
Foam, Inc.

CERTIFICATE OF CONFORMANCE

SOLD TO:
DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
ONTARIO, CANADA

K6A1K7

PURCHASE ORDER: 00007861
SALES ORDER: 33944
DATE SHIPPED: 01/13/09

**"URGENT! FLAMMABILITY CERTIFICATION
ENCLOSED. PLEASE FORWARD TO
PURCHASING. DO NOT THROW AWAY!"**

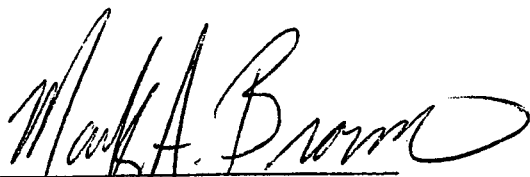
I certify that the material shipped against the above-referenced purchase order meets the following requirements:

14 CFR 25.853(a), APPENDIX F, PART 1(a)(1)(ii), AMENDMENT 25-116

Quantity	Customer Part Number	Part Number	Material	Batch Number
4	D3018-1	502148-99	AIRFLEX55-65	AF8052,AF8055, AF8057
4	D3019-1	601988-99	AIRFLEX30-40	AF8052, AF8055

MADE IN THE U.S.A

S. 09/01/15


Mark A. Brown
Technical Director

CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 11391
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : AIRFLEX
BATCH / LOT NO : AF8057
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION : AFX 55-65

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : ORANGE

FLAME TEMPERATURE : 1553°F

CONDITIONING STARTED : DATE : 12-31-08
TIME : 8:00 AM

TEST STARTED : DATE : 1-5-09
TIME : 9:05 AM

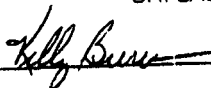
RESULTS :	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	1.0	0.0	6.0
#2.	0.3	0.0	5.0
#3.	0.0	0.0	4.8
AVG.	0.4	0.0	5.3

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES
SR. LAB TECHNICIAN



CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 11356
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : AIRFLEX
BATCH / LOT NO : AF8052
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION : AFX 30-40

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : GREEN

FLAME TEMPERATURE : 1556°F

CONDITIONING STARTED : DATE : 12-4-08
TIME : 9:00 AM

TEST STARTED : DATE : 12-5-08
TIME : 9:10 AM

S
orlocks

RESULTS :

	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	5.5
#2.	0.0	0.0	6.0
#3.	0.0	0.0	6.1
AVG.	0.0	0.0	5.9

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES
SR. LAB TECHNICIAN

Kelly Bures

CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 11370
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : AIRFLEX
BATCH / LOT NO : AF8055
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION : AFX 30-40

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : GREEN

FLAME TEMPERATURE : 1558°F

CONDITIONING STARTED : DATE : 12-16-08
TIME : 7:00 AM

TEST STARTED : DATE : 12-17-08
TIME : 9:40 AM

S
09/01/15

RESULTS :

	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	4.1
#2.	0.0	0.0	4.7
#3.	0.0	0.0	4.5
AVG. :	0.0	0.0	4.4

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES
SR. LAB TECHNICIAN

Kelly Bures

CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 11215
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT: FR 4440 FABRIC
 BATCH / LOT NO: 5296
 CUSTOMER: PRODUCTION
 P.O. NO
 OTHER IDENTIFICATION: SUPPLIED BY: HANES CONVERTING CO. OF CONOVER, NC
 ON INVOICE #62-067937

TEST BEING RUN: VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME

MATERIAL COMPOSITION: NA

MATERIAL PATTERN: WOVEN

MATERIAL COLOR: TAN

FLAME TEMPERATURE: 1558°F

CONDITIONING STARTED: DATE: 8-25-08
 TIME: 9:00 AM

TEST STARTED: DATE: 8-29-08
 TIME: 11:10 AM

RESULTS:			DRIPPINGS (SECONDS)		BURN LENGTH (INCHES)	
FLAME TIME (SECONDS)						
WARP	FILL		WARP	FILL	WARP	FILL
#1	0.0	0.0	0.0	0.0	5.0	4.9
#2	0.0	0.0	0.0	0.0	4.9	4.8
#3	0.0	0.0	0.0	0.0	5.0	4.9
AVG.	0.0	0.0	0.0	0.0	5.0	4.9

PASS: X FAIL:

COMMENTS:

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
 PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY: KELLY BURES
 SR LAB TECHNICIAN

CORPORATE OFFICE 500 N. McLin Creek Rd. P. O. BOX 457 CONOVER, NC 28613-0457 PHONE: (828) 464-4673 FAX: (828) 464-0459				HANES <i>engineered materials</i> a <i>Lycra & Spandex</i> COMPANY				INVOICE PLEASE REPLY TO: HANES ENGINEERED MATERIALS L&P FINANCIAL SERVICES CO. P O BOX 60984 CHARLOTTE, NC 28260			
SOLD TO CHESTNUT RIDGE FOAM ROUTE 981 NORTH PO BOX 781 LA TROBE, PA 15650				SHIP TO CHESTNUT RIDGE FOAM ROUTE 981 NORTH PO BOX 781 LA TROBE, PA 15650							
INVOICE NUMBER	INVOICE DATE	TERMS	CARRIER	ROUTING				PROCE			
62-067937	8/15/2008	NET 30	USF HOLLAND INC					C			
CUSTOMER NO	CUSTOMER ORDER NO	SLS MGR/SLSMAN	ORDER DATE	FOB	BILL OF LADING		RELEASE #				
15985	23892	65 452	8/12/2008	CONOVER, NC	DAY8 S/L 71295		010 29004				
PRODUCT NO	WIDTH	DRB-2	DESCRIPTION	PUTUP	PK	QC	CS	QUANTITY	UOM		
30333	40.000		TICKING FR 4440	250	RL	CC	2T	5,018	LN		
CERTIFICATION: THE SELLER DOES NOT CERTIFY, EITHER IMPLICITLY OR EXPLICITLY, THESE PRODUCTS TO MEET THE REQUIREMENTS OF ANY REGULATORY AGENCY OR SPECIFICATION EXCEPT AS MAY BE CERTIFIED ABOVE OR UNDER SEPARATE WRITTEN CERTIFICATION. ALL TRANSACTIONS ARE SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS INVOICE. USF HOLLAND INC PRON# 11311290958 AUG 22 2008											
				TOTAL INVOICE AMOUNT							

15985

ORIGINAL

662 THE LAWS OF THE STATE OF NORTH CAROLINA SHALL GOVERN THIS TRANSACTION. A LATE PAYMENT CHARGE AT A PER ANNUM RATE
 EQUAL TO THE PRIME RATE OF THE CHASE MANHATTAN BANK, N.A. IN EFFECT ON THE FIRST DAY OF EACH MONTH PLUS 7% OR 18% PER ANNUM
 WHICHEVER IS HIGHER, WILL BE APPLIED ON THE FIRST OF EACH MONTH ON ALL PAST DUE INVOICES PAID DURING THE MONTH

PAGE 1 LAST 00018